ABSTRACT OF THE DISCLOSURE

1	A photovoltaic solid sta	te relay has a light-emitting diode for emitting
2	light in response to an electric	al control signal. First and second photovoltaic
3	devices are optically coupled	to the light-emitting diode for converting the
4	light to first and second voltag	es, respectively. First and second unipolar
5	transistors are provided havin	g first and second gate electrodes for
6	respectively receiving the first	and second voltages and jointly establishing a
7	first current conducting path l	petween output terminals to which a load
8	circuit will be connected. A b	polar transistor is provided having a base
9	connected to a junction between	en the first and second unipolar transistors for
10	establishing a second current	conducting path in parallel to the first current
11	conducting path in one of opp	osite directions depending on voltages applied
12	to the output terminals	